# **Juvenile Detention Center Pond Retrofit**

**Project Narrative:** 

The project expanded and converted the existing dry pond/swale to a retention (wet) pond. Improvements included outlet control modifications and addition of wetland benches, buffer plantings, and forebays. Co-benefits: Water quality improvement, reducing flooding and circumvented major maintenance repair to a damaged pipe.

**PROJECT STATUS**: Completed in

Summer 2017

**LOCATION**: 1260 Security Lane

#### **COMMUNITY CONNECTION:**

Civic League: Lake Taylor Ward/Super Ward: 4 / 7

#### Pollutant Removal (lbs/year):

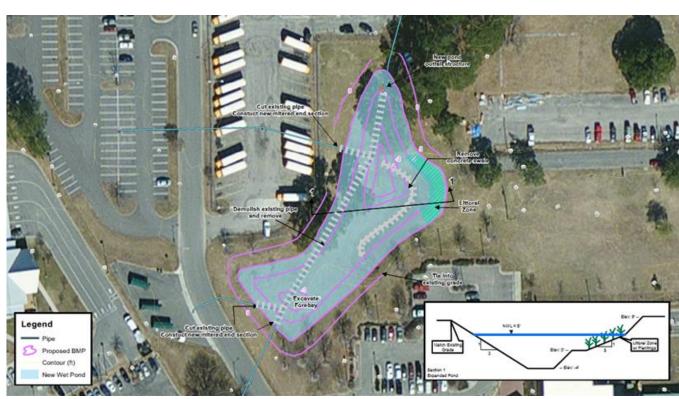
Phosphorous: 24.3

Nitrogen: 96.1 Sediment: 11,434

### **Cost Effectiveness (\$/lb)**

Phosphorous: \$22,144

Nitrogen: \$5,599 Sediment: \$47





**PROJECT MANAGER:** C.W. Gaskill

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